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February, March, 1984

Vol. 4 NO. 2, NO. 3

M.A.C.E. JOURNAL

"Devoted Exclusively To The Atari Computer User"



Published by the Michigan Atari Computer Enthusiasts

LETTER FROM MORGAN

(Editor's note: This is an open letter to Atari users from Atari Chief Exec. Jim Morgan. It was downloaded from the Atari SIG on Compuserve.)

SEC. 10 - TALK WITH THE TRADE

SB: LETTER FROM JIM MORGAN

13-DEC-83 18:52:49

FM: BILL CABECHE (WCI) 70007,370

TO: ALL

FOLLOWING IS A MESSAGE TO YOU ALL FROM JIM MORGAN, ATARI CEO, WHO HAS BEEN READING ALL YOUR MESSAGES REGARDING ATARI...

"FOR THE PAST SEVERAL MONTHS, YOU HAVE BEEN ATARI'S HARSHTEST CRITICS...AND RIGHTLY SO, SINCE YOU ARE ALSO ATARI'S MOST SOPHISTICATED USERS. I AM IMPRESSED BY YOUR PASSION OF CONVICTIONS AS WELL AS YOUR PASSION FOR ATARI. WITHOUT GETTING TOO SPECIFIC, I'D LIKE TO ADDRESS SOME OF THE MAJOR ISSUES YOU HAVE BEEN RAISING. FIRST OF ALL, ATARI HAS BEEN IN FINANCIAL TROUBLE DURING MOST OF 1983. WITH THAT POSITION COMES A NEED AND RESPONSIBILITY TO RE-EXAMINE EVERY DECISION AND PROGRAM WHICH LED TO THE SITUATION. CLEARLY, IN RELATION TO ITS ABILITY TO DESIGN, MANUFACTURE AND DISTRIBUTE, ATARI WAS IN WAY OVER ITS HEAD WITH A COMPUTER PRODUCT LINE AS INCLUSIVE AS THE 600XL, 800XL, 1400XL, 1450XLD AND 1600. THE COMPANY SIMPLY DIDN'T HAVE THE RESOURCES TO EXECUTE EACH OF THESE AS EXCELLENTLY AS YOU OR OTHER CUSTOMERS WOULD RIGHTLY EXPECT OR DEMAND. THE HISTORY OF THE HOME COMPUTER MARKET SEEMS TO ME TO BE THE SPIRIT OF BROKEN PROMISES--EITHER PRODUCTS WHICH DON'T LIVE UP TO EXPECTATIONS, DON'T ARRIVE ON TIME, OR BOTH. WE ARE TRYING TO BECOME A MORE RELIABLE COMPANY WHICH DELIVERS ON TIME A PRODUCT WHICH OFFERS A MEANINGFUL AND USEFUL DIFFERENCE TO THE CONSUMER. TO DO THIS REQUIRES WALKING BEFORE YOU RUN AND THAT'S WHAT WE'RE DOING RIGHT NOW BY SELLING THE 600XL AND 800XL

WHILE WE EVALUATE THE MOST APPROPRIATE DEFINITION OF OUR NEXT ENTRY.

YOU ARE, AS A GROUP, PRETTY MUCH ON THE LEADING EDGE OF COMPUTER USERS AND I DOUBT WHETHER THE AVERAGE CONSUMER COULD FATHOM THE NUANCES OF THE PRODUCTS YOU HAVE BEEN DESCRIBING AS IDEAL. AT THE RISK OF ALIENATING YOU, LET ME ALSO SAY THAT I DOUBT IN THE SHORT TERM WHETHER WE WILL BE ABLE TO OFFER A PRODUCT THAT WILL REALLY TURN YOU ON. LONGER TERM, HOWEVER, OUR GOAL IS TO BRING TO THE MARKETPLACE A MICROPROCESSOR WHICH IS AS UNIQUE AS WAS THE VCS WHEN IT WAS FIRST INTRODUCED. YOU MIGHT BE INTERESTED TO KNOW THAT WE HAVE FORMED A GROUP LED BY TED HOFF AND ALAN KAY WHICH IS CHARTERED TO DEFINE OUR NEXT GENERATION OF COMPUTERS.

OUT OF THIS GROUP, WE ARE HOPEFUL, WILL COME THE UNIQUE PRODUCT DESCRIBED ABOVE. IN THE MEANTIME, WE WILL HAVE TO KEEP OUR PRODUCT LINE RATHER RESTRICTED TO BROADLY SALEABLE PRODUCTS.

IF YOU'D LIKE TO INPUT THE HOFF/KAY GROUP WITH ANY IDEAS, PLEASE SEND THEM TO BILL, WHO WILL FORWARD THEM TO ME. IN THE MEANTIME, WE ASK BOTH FOR YOUR CONTINUED SUPPORT AND INTEREST, WHICH ULTIMATELY ARE OUR MOST VALUABLE ASSETS.

I'LL CONTINUE TO READ YOUR MESSAGES, LEARN FROM THEM, AND HOPEFULLY BE ABLE TO READ ABOUT A BETTER AND MORE RELIABLE ATARI IN THE MONTHS AND YEARS AHEAD.

MERRY CHRISTMAS!

--JIM MORGAN

CHAIRMAN AND CEO, ATARI INC.

PRESIDENTIAL RAMBLINGS

By Mike Lechkun

Did we put our foot in our collective mouth? This is something I think about a lot when it comes to the subject of TARICON. Our past leaders made a promise to the City of Southfield that at some time during our stay in the Pavillion room, we would stage a computer convention. You know. To show how progressive this community is, and all that stuff. We were given, in return, a ridiculously low rate on renting the Pavillion. Last year we made our first try at staging a national convention. And boy did we get an education! The task was just too big and we had just too little time to work with. Conventions of this magnitude often have slow (or non-) starts, I was told. "Don't worry, you can do it" was something I heard from many outsiders to MACE.

Well, at any rate, an important decision had to be made. TARICON '84: yes or no. I asked for your input, and I got it. It was all favorable. It has always been my impression that we could stage one hell of a convention. And that we will. One of the most important comments I got came from outside of MACE. Actually, it was an offer from Ike Hudson, president of CHAOS, our sister group in Lansing. They have graciously offered to co-sponsor the affair with us. We will stage the convention on a somewhat smaller scale than we had planned on in '83. It will be more user-oriented. Now here's the catch.

WE NEED YOUR HELP!

If I can't persuade our previous convention coordinator, Paul Wood, to chair this year's version of TARICON, we'll need someone with his convention experience to fill the shoes. Paul's planning and insights were wonderful and helped us to almost pull it out of the hat. This time, however, I understand that Paul's previous commitments might keep him from serving as chair to the MACE half of the committee. A replacement or an assistant will be needed. We will also make a number of calls for other volunteers. We need your support. In what ever way you can help, we'll need it. So don't be shy when we ask. Twice is two times too much for this exciting

idea to fail. Last year is behind us now. Let's make a strong effort to show the midwest we've got a good little machine here, and that Michigan user groups are the best anywhere.

Answer the calls for help, or offer your services. You may call the HOTLINE and leave your name and number, or write me at my home address (see inside back cover). Also watch this column and the TARICON '84 articles for progress reports and information.

It's always fun going to a party. Staging one is tough. Next year we can go to someone else's. But this time the spotlight falls directly on us. Don't let us down.

CHANGES IN MEETING DATES

Due to scheduling conflicts with the City of Southfield, the meeting dates for MARCH, MAY and JUNE have been rescheduled. The following is a list of meeting dates for the remainder of 1984.

**** March 27 ****
April 17
**** May 29 ****
**** June 11 ****
July 17
August 21
September 18
October 16
November 20
December 18

****TARICON '84 - Aug 25 & 26****

Please mark your calendars so you'll be sure not to miss meeting night.

IMPORTANT NOTICE: COMBINED ISSUE

No, you're not getting cheated out of an issue of the MACE JOURNAL. In our never ending quest for more advertising, we felt it necessary to advance the issue date one month to, in all frankness, have the March issue of the Journal on the newsstands in MARCH rather than in April! Your subscription is based on your membership anniversary, NOT the Journal date. This should be the only combined issue.

Mace Meeting Minutes:1-17-84

By B.J. Franczyk
Recording Secretary

The meeting was called to order at 7:30 P.M. by President, Mike Lechkun.

The first order of business was to clarify the use of MACE B.B.S. It was made perfectly clear that distasteful messages and pirating would never be tolerated on any MACE bulletin board.

The next order of business brought the announcement of two resignations. Fred Kandah, the Submissions chairman had resigned to further his education at U of M. Faris Ajo, the Recording Secretary also resigned and nominations for a replacement were accepted. Chet Gonterman nominated Barbara Franczyk and it was seconded. Jim Phillips promptly nominated Chet but Chet quickly declined. A show of hands elected Barbara as the new Recording Secretary.

Atari Con was next with the usual "What should we do" discussion. Suggestions from the floor included hiring professionals and paying them from the receipts. A tentative schedule showed preliminary work should be completed by mid February, exhibitions and patrons by March and the actual convention Labor Day weekend. It was stated that a decision should be reached at the next officers meeting, Feb. 7. Anyone wishing to contribute to the convention discussion was invited to attend.

The following announcements were made: -- Jim Phillips informed us of eight new cassettes in the library.

-- There was good news for those with 835 modems. Help for uploading and downloading is on the way.

-- Attention was called to the disrupted schedule for MACE meetings in March, May and June.

Next we were entertained with a Christmas card for Antic Magazine that had not arrived in time for Christmas. Nevertheless, it really was nice and the Seasons Greetings message was cheerfully accepted by everyone.

The Treasurer, Ken Kirkman, then gave a financial report. The bottom line declared \$3,500.00 bank balance.

MACE T-shirts and jerseys were offered for sale at the break for \$5.00 and \$7.50 respectively.

A slide review of CES in Las Vegas, January 7-10, revealed the following from Atari:

--The 1450 would feature a built in voice synthesizer and phone modem. The question on production was still up in the air;

--the 800XL is presently available;

--There would be no 1400, CP/M adaptor or the expansion box;

--Atari voiced their new policies: to only produce a line of saleable products; to cut back on expenses; and not to show any items unless they were ready to market.

--The light pen and the touch pen were also favorably discussed.

Arlan Levan seasoned the review with his unique presentation and awarded the "EMPTY SHOE BOX AWARD" to E-Long Computers and "THE MUCH TO DO ABOUT NOTHING AWARD" to Kodak. His keen eye for investments uncovered some interesting scams and he insisted on adding to the after-shock of the Ma Bell explosion by showing slides of the new phones. The Trout phone and the Rolling Stones phones obviously got to him.

Craig Chamberlin discussed the new revised "Pokey Player" and announced a seminar Tuesday, January 31, at the Southfield Pavillion, to start at 7:30 P.M.

Next on the agenda were Demo's which included MicroPay, Movie Maker and Atari Writer. Basic programming ended the meeting.

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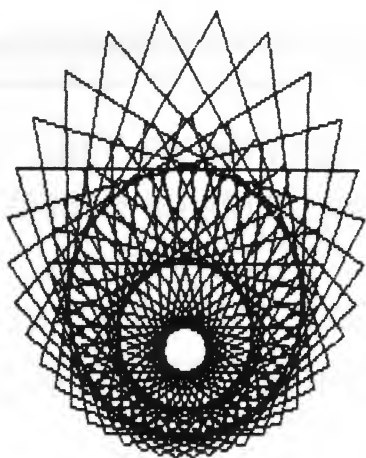
772-1982
294-6570
776-4750



PLATO'S CORNER

If you saw last month's issue of the MACE Journal you couldn't help but notice the graphics on the front cover or the picture of the young lady just opposite Plato's Corner. Both were accomplished using a program called Humpty Dump.

Humpty Dump is a screen dump utility created by Kidstuff Software, 3736 Ferndale, Ft. Wayne In, 46815. The disk based program can be initialized to work with almost any of the current dot matrix printers. The printer that I used for those pictures and those appearing in this article were done on a Prowriter.

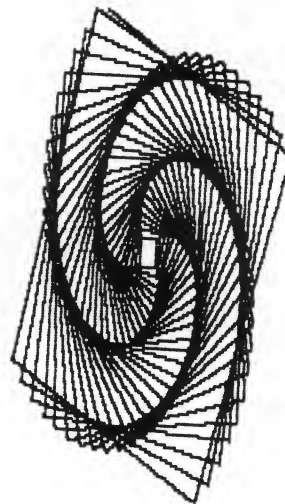


The program is autoloaded into low mem and then returns you to BASIC. Screen then can be dumped to the printer simply by using the Option, Select, or Start keys in combination with either the "I" or "P" keys, depending on the size of the printout needed or whether you need a positive or negative image.

The Humpty Dump works quite well unless the program that you are using to generate the graphics happens to include a routine that locks out the keyboard. If that is the case the routine will have to be deleted to return control of the keyboard so that the

appropriate key command may be given.

Screens created by Micro-Painter or digitized photographs like those found in the MACE disk library are easily dumped to the printer using Humpty-Dump. An interesting option of this program is the ability to view saved screens in graphic modes other than the mode in which the screen was created.



The program presently does not support the LOGO cartridge and that is a real shame. Imagine being able to save all those turtle graphics simply by hitting Option + "P". Frank Roberts if you are listening please give this some thought, the potential of this program could be substantially enhanced if this were possible.

This is an excellent program that can certainly expand the usefulness of your computer system.

Our next review is a simulation type program called "Trains" by Spinnaker Software.,

At one time or another most of us have had some type of model railroad. The degree of complexity of or involvement was probably in direct proportion to how bad the model railroading bug bit us. There is a certain mystic to controlling your own little train empire with all the associated buildings and terrain. But just what does one actually do when one is a railroad tycoon?

Well, it would be fun to actually run a railroad, picking up goods here and delivering them there, all the while being concerned with the necessities like scheduling, payrolls,

product supplies and all the other associated responsibilities of staying in business.

Trains by Spinnaker Software actually provides you with the opportunity to run one of the great railroads during the age of steam. Through the plains, mountains, deserts and cities you control your own steam engine, four cars, and caboose as you attempt to carve your name into the annals of railroading history.

The educational benefits of such a program are many. Plato's first born soon found out that racing the train around the track, randomly picking up and delivering goods without concern for schedules or efficiency soon resulted in a bankrupt railroad. Unless a player is deliberate and a efficient planner he will not be able to rise through the eight sites (levels) on his way to a successful railroading career.

The graphics, sound, and design of Trains make this one of the most interesting and entertaining programs I've seen in the educational category.

Don't be surprised if you and assistant engineer find yourselves struggling through level eight at 3:00 A.M. This is an engrossing and valuable educational experience.

Finally a few notes to pass along. Two interesting letters this month (Thank You). One from H. L. McLean who reports on their family's experience with the Dorsett educational tapes (specifically History). The graphics and sound are apparently less than spectacular and the children seemed to be bored even the first time through. My experience with the spelling tapes were a little more positive. Also the McLean's may be starting their own educational BBS! We'll try and keep you updated on this.

Another letter that from "Plato's Pal" appears as a separate article called "Off The Wall". Submittals of this type are greatly appreciated and could be grouped together in a Bit's and Pieces type format that could provide useful information to all the membership. Please send in your favorite routine or bit of advice to share with us all.

Thanks again for your support and I hope to hear from you during the next few weeks.

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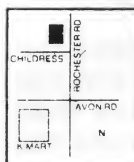
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OFF THE WALL

By PLATO'S PAL

This quickie is literally off the proverbial wall...from a club newsletter posted at the January meeting. Credit goes to Mr. Peter Bamford and the New Jersey faction by the name of Atari Computer Enthusiasts, what else!

This neat programming utility is the cure for CONTROL+1 fingering. When activated the screen displays a page of listing and automatically stops. The SELECT key will produce the next page and so on. Want to back up? Use the OPTION key. The BREAK key is used to halt the "parade" and to allow editing, as usual.

LIST this utility to disk or cassette. Add it to your loaded program by the ENTER command. To use, merely type GOTO 32000. If you prefer to have space around your line statements try this: remove the "? CHR\$(28)" from line 32030. That's it, from off the wall.

```
32000 GRAPHICS 0:CLR :DIM A(300):TRAP
32080
32010 I=0:X=PEEK(136)+256*PEEK(137)
32020 ? CHR$(125)::A(I)=X:FINISH=0
32030 LIST
PEEK(X)+256*PEEK(X+1):X=X+PEEK(X+2):IF
PEEK(84)<20 THEN ? CHR$(28)::GOTO 32030
32040 IF PEEK(53279)=3 AND I THEN
I=I-1:X=A(I):GOTO 32020
32050 IF PEEK(53279)=5 AND NOT FINISH
THEN I=I+1:GOTO 32020
32060 IF PEEK(53279)=6 AND I THEN 32010
32070 GOTO 32040
32080 TRAP 32080:FINISH=1:? :? "END OF
LISTING":CHR$(253):GOTO 32040
32090 REM PROGRAM NAME:EDIT; TYPE
"ENTER"TO STORE,"LIST" TO USE
32091 REM TO USE, TYPE IN "GOTO 32000"
FLIP PAGES USING "SELECT" OR
"OPTION", USE "BREAK" TO EDIT
```

INDUS RANA HAPPY HAYES NEC

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MACE MAIN BBS ON THE MOVE AGAIN!

Effective by the time you read this, the MACE central board will have moved again. From the cozy confines of its former home in Huntington Woods, the new location will be in Warren, Michigan, thus making it more accessible (and a cheaper call) for you east-siders.

The main board's new number is 978-1685. Sounds familiar? Yep, its the MACE HOTLINE number. We will be piggy-backing the two on one line for a while. The (voice) Hotline will be in operation from 8:00 AM to 8:00 PM, giving meeting and SIG group information. Then from 8:00 PM to 8:00 AM, MACE MAIN will be up and running. Weekends, while being made for Michelob, will see a different BBS schedule. Here's the complete schedule:

| DAY | BBS | HOTLINE |
|----------|------------------------|-----------|
| MON-FRI | 8PM - 8AM | 8AM - 8PM |
| SATURDAY | 6PM SAT to 12 NOON SUN | 8AM - 6PM |
| SUNDAY | 6PM SUN to 12PM | 6PM |

MON-FRI 8PM - 8AM 8AM - 8PM

SATURDAY 6PM SAT to 12 NOON SUN 8AM - 6PM

SUNDAY 6PM SUN to 12PM - 6PM

MACE MAIN:(313) 978-1685

MACE WEST:(313) 582-0657

Still 24 HOURS a day
Seven days a week!

Please post this schedule by your modem or keep it handy. This will last for a few months, or until we can scrape up the bucks to put a new line in.

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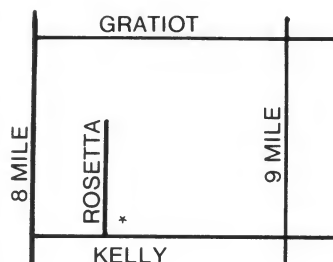
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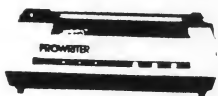


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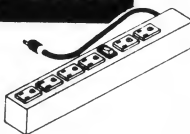
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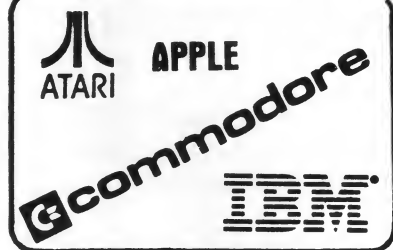


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POKEY PLAYER SEMINAR: S.R.O.

On Tuesday, January 31, Craig Chamberlain hosted a "Pokey Player" seminar to a standing room only crowd at the Southfield pavillion.

Pokey Player has been revised and will replace disk LA in the Mace Disk Library. Pokey Player is now a proprietary disk and the documentation is invaluable.

Craig also introduced another proprietary disk, "Fast Fingers". This is a new and fun autoboot program for both disk and cassette.

Congratulations Craig and Thank you for two terrific new programs.

MACE TO OFFER BASIC CLASSES!

Mace Members-----Finally, the class you have all been waiting for is here!!!!

You have asked for it and now you have it!!! M.A.C.E. is presenting a six session Basic Programming Course. This will be taught by our resident Atari "Experts" and will cover "Everything you ever wanted to know about your Atari". This is a first class opportunity to receive concentrated information and to finally take command of your computer.

WHERE: The Southfield Pavillion Room 221

TIME: 7:00-9:00 P.M.

WHEN: April 2,3,9,10,16,and 23

COST: \$25.00 to Mace members and
\$45.00 to non-members (this
price covers expenses and
cannot be refunded)

Since space is limited be sure to register early. Don't miss this super opportunity. To reserve a space send your name, address, phone number, M.A.C.E. number, a your check made out to M.A.C.E. to:

BASIC CLASS
C.L. GONTERMAN
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ASSEMBLER SIG

By Todd Meitzner

Next meeting will be on March 1, 1984 at Tom Hunt's house. It will start at 7:30 with socializing from 7:00 to 7:30. For more information call Tom at 574-9438, or Todd at 542-1752.

UNCLASSIFIED AD'S

Atari business and educational software: Loans and Mortgages-\$9.95; Math Flashcards-\$7.95 (disk or tape) call John T. Smith at (313)455-7793

Anyone working on genealogy programs contact Mike Myal at 575-9781

Atari 825 printer with Atari word processor complete with all documentation, includes cable-\$200.00; Atari 830 modem-\$75.00. Call Dave Dumas (313)676-0097 evenings.

Wanted to buy a printer for an Atari (to handle 8.5x11 inch paper; educational software for 6-7 year old kids (especially reading development, math, etc.); adventure/fantasy type games; touch typing for use with 9-10 year olds. Reply to Steve Cooper (313)355-3433 or 352-8090

Atari Bookkeeper kit includes bookkeeper disk and key pad. New, \$145.00. Call (313)882-4497

Brand new 8 inch diskettes in box. 2 boxes to sell at \$15.00 each. Call 375-9047

Heavy duty accoustic modem. Brand new. \$75.00. Call Marshall at 375-9047

Celestron C-8 telescope. Complete with all accessories. Stars not included. Like new. Call Plato 375-9275. Too expensive to list here!

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| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|--------------|------------------------|---------|--------|-------|---------|
| AB | FIGFORTH 1.5 | COMPLETE LEARNING DISK | PRG AID | 10 | FORTH | ALL |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|--------------|------------------------|---------|--------|-------|---------|
| BB | FORTH.CMD | MESA FORTH DOC CMD'S | PRG AID | 10 | TEXT | 003 |
| BB | FORTH1.001 | MESA FORTH DOC PG.1-1 | PRG AID | 10 | TEXT | 014 |
| BB | FORTH2.001 | MESA FORTH DOC PG.2-1 | PRG AID | 10 | TEXT | 019 |
| BB | FORTH2.002 | MESA FORTH DOC PG.2-2 | PRG AID | 10 | TEXT | 008 |
| BB | FORTH3.001 | MESA FORTH DOC PG.3-1 | PRG AID | 10 | TEXT | 015 |
| BB | FORTH4.001 | MESA FORTH DOC PG.4-1 | PRG AID | 10 | TEXT | 017 |
| BB | FORTH4.002 | MESA FORTH DOC PG.4-2 | PRG AID | 10 | TEXT | 015 |
| BB | FORTH4.003 | MESA FORTH DOC PG.4-3 | PRG AID | 10 | TEXT | 019 |
| BB | FORTH4.004 | MESA FORTH DOC PG.4-4 | PRG AID | 10 | TEXT | 022 |
| BB | FORTH4.005 | MESA FORTH DOC PG.4-5 | PRG AID | 10 | TEXT | 011 |
| BB | FORTH5.001 | MESA FORTH DOC PG.5-1 | PRG AID | 10 | TEXT | 017 |
| BB | FORTH5.002 | MESA FORTH DOC PG.5-2 | PRG AID | 10 | TEXT | 018 |
| BB | FORTH5.003 | MESA FORTH DOC PG.5-3 | PRG AID | 10 | TEXT | 009 |
| BB | FORTH6.001 | MESA FORTH DOC PG.6-1 | PRG AID | 10 | TEXT | 022 |
| BB | FORTH6.002 | MESA FORTH DOC PG.6-2 | PRG AID | 10 | TEXT | 017 |
| BB | FORTH7.001 | MESA FORTH DOC PG.7-1 | PRG AID | 10 | TEXT | 021 |
| BB | FORTH.A.001 | MESA FORTH GLOSSARY -1 | PRG AID | 10 | TEXT | 028 |
| BB | FORTH.A.002 | MESA FORTH GLOSSARY -2 | PRG AID | 10 | TEXT | 028 |
| BB | FORTH.A.003 | MESA FORTH GLOSSARY -3 | PRG AID | 10 | TEXT | 017 |
| BB | FORTH.A.004 | MESA FORTH GLOSSARY -4 | PRG AID | 10 | TEXT | 036 |
| BB | FORTH.A.005 | MESA FORTH GLOSSARY -5 | PRG AID | 10 | TEXT | 023 |
| BB | FORTH.A.006 | MESA FORTH GLOSSARY -6 | PRG AID | 10 | TEXT | 034 |
| BB | FORTH.A.007 | MESA FORTH GLOSSARY -7 | PRG AID | 10 | TEXT | 033 |
| BB | FORTH.A.008 | MESA FORTH GLOSSARY -8 | PRG AID | 10 | TEXT | 027 |
| BB | HELLO | AUTOBOOT FILE | UTIL | 8 | BASIC | 009 |
| BB | PRINTDOC.BAS | DOCUMENTATION PRINTER | UTIL | 8 | BASIC | 082 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|---------------|------------------------|-------|--------|-------|---------|
| CB | BOOTEDIT.4TH | 4TH EDITOR BOOTER | UTIL | 10 | FORTH | 013 |
| CB | DISK.4TH | 4TH DISK HANDLER WORDS | UTIL | 10 | FORTH | 041 |
| CB | DOS.4TH | 4TH DOS WORDS | UTIL | 10 | FORTH | 013 |
| CB | EDITOR.4TH | 4TH EDITOR WORDS | UTIL | 9 | FORTH | 095 |
| CB | FORMAT.4TH | 4TH TEXT FORMATTER | UTIL | 9 | FORTH | 050 |
| CB | FORTH.D1.INZ | 4TH LANGUAGE SM KERNAL | UTIL | 9 | OBJ | 061 |
| CB | FORTH.D1B.INZ | 4TH LANGUAGE LG KERNAL | UTIL | 9 | OBJ | 119 |
| CB | INTRFACE.IN0 | 4TH INTERFACE BOOTER | UTIL | 10 | OBJ | 001 |
| CB | MX80.IN1 | 4TH BOOTIN FILE | UTIL | 9 | OBJ | 006 |
| CB | SEARCH.4TH | 4TH BIN. SEARCH WORDS | UTIL | 10 | FORTH | 041 |
| CB | SYSTEM.4TH | 4TH MAIN SYSTEM WORDS | UTIL | 10 | FORTH | 099 |
| CB | TURNKEY.4TH | 4TH TURNKEY MAKER | UTIL | 10 | FORTH | 009 |
| CB | UTILITY.4TH | 4TH LG/SM KERNAL CHG | UTIL | 10 | FORTH | 025 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|--------------|-----------------------|-------|--------|-------|---------|
| DB | ADDMAH | ADDING MACHING | UTIL | 10 | BASIC | 011 |
| DB | ALPHARUN | AVOID BUMPS TIL LAST | EDUC | 9 | BASIC | 053 |
| DB | BUDGET | BUDGET PLANNER | UTIL | 10 | BASIC | 022 |
| DB | CALENDAR | ANY MONTH OR YEAR | UTIL | 10 | BASIC | 031 |
| DB | CLOCK.DIG | ACTUAL DIGITAL CLOCK | DEMO | 10 | BASIC | 036 |
| DB | COPYCASS | CASSETTE COPIER | UTIL | 10 | BASIC | 013 |
| DB | DRAGON | ZAP THE OPPONENT | GAME | 8 | BASIC | 039 |
| DB | DRAGON.MST | SAVE THE PRINCESS | GAME | 9 | BASIC | 052 |
| DB | MAGICTRK | PICK A LETTER | DEMO | 7 | BASIC | 020 |
| DB | MENU | HELICOPTER FLYING | UTIL | 10 | BASIC | 043 |
| DB | MOSIAC.PUZ | CREATE OWN HEX PUZZLE | GAME | 8 | BASIC | 042 |
| DB | PINAPPLE.RAG | PIPE ORGAN MUSIC | MUSIC | 9 | BASIC | 069 |
| DB | ROUNDUP.OBJ | ROPE THE COWS | GAME | 6 | BASIC | 021 |
| DB | TAG.COM | TWO PLAYER TAG | GAME | 7 | BASIC | 057 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|--------------|------------------------|-------|--------|-------|---------|
| EB | BIORYTHM.BAS | BAR CHART BIORYTHM | DEMO | 8 | BASIC | 042 |
| EB | CASDEX.BAS | CASSETTE INDEX | UTIL | 10 | BASIC | 107 |
| EB | COMPNOTE.CAS | COMPUTER NOTE PAD | UTIL | 10 | BASIC | 048 |
| EB | COMPNOTE.DSK | DISK COMPUTER NOTEPAD | UTIL | 10 | BASIC | 047 |
| EB | ERRCODE.BAS | ERROR TRAPPING ROUTINE | UTIL | 9 | BASIC | 012 |
| EB | ERROR.DAT | ERRCODE DATA FILE | UTIL | 9 | FILE | 039 |
| EB | GRAFMAKE.BAS | GRAPH GENERATOR | UTIL | 10 | BASIC | 061 |
| EB | MENU | DISK DIR. LOAD/GO | UTIL | 9 | BASIC | 011 |
| EB | PATTERN.MKR | DRAW AND SAVE PATTERNS | UTIL | 9 | BASIC | 065 |
| EB | PHONE.DMO | ANSWER THE PHONE | DEMO | 7 | BASIC | 011 |
| EB | TRIVIA.BAS | TRIVIA QUESTIONS | EDUC | 8 | BASIC | 068 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|-------------|------------------------|-------|--------|-------|---------|
| FB | ABCDemo | GTIA DEMO | DEMO | 8 | BASIC | 050 |
| FB | BOOTTAPE | BINARY DSK TO BOOTTAPE | UTIL | 10 | BASIC | 032 |
| FB | CLONE | DISK COPIER | UTIL | 10+ | BASIC | 018 |
| FB | GRADES1.BAS | GRADING PROGRAM | UTIL | 9 | BASIC | 179 |
| FB | HOMEINV.CAS | HOME INVENTORY | UTIL | 9 | BASIC | 020 |
| FB | HOMEINV.DSK | HOME INVENTORY | UTIL | 9 | BASIC | 020 |
| FB | HOOKEY | QBERT CLONE | GAME | 9 | BASIC | 051 |
| FB | ICECAVES | TRY TO ESCAPE | GAME | 8 | BASIC | 058 |
| FB | INV.DAT | HOMEINV DATA FILE | UTIL | NA | FILE | 002 |
| FB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 009 |
| FB | NEWDUP | CHANGE TO DUP.SYS | UTIL | 10+ | OBJ | 076 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|-------------|------------------------|-------|--------|-------|---------|
| GB | CHECKBAL | BALANCE CHECKBOOK | UTIL | 9 | BASIC | 029 |
| GB | COLRTEST | TEST YOUR COLORS | UTIL | 9 | BASIC | 008 |
| GB | FAILSAFE | CHINA SYNDROME | STRAT | 6 | BASIC | 130 |
| GB | FORMATR.OBJ | FORMAT LOTS OF DISK | UTIL | 10 | OBJ | 040 |
| GB | GR10PNTR | USE JSTK & SELECT KEY | UTIL | 10 | BASIC | 068 |
| GB | HANGMAN1.5 | WORDGAME | GAME | 10 | BASIC | 098 |
| GB | MACE.WLD | BEAUTIFUL MACE DEMO | DEMO | 10+ | BASIC | 018 |
| GB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| GB | SPASULT | SAVE EARTH FROM ALIENS | GAME | 9 | BASIC | 094 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|-----------|------------------------|-------|--------|-------|---------|
| HB | ALPHBLST | SHOOT SMALLEST FIRST | EDUC | 8 | BASIC | 035 |
| HB | ARITHTRX | NUMBER GAMES | EDUC | 10 | BASIC | 034 |
| HB | CHORDPGM | PLAYS CHORDS | EDUC | 8 | BASIC | 019 |
| HB | COLRTYPE | TYPING SKILLS TEST | EDUC | 10 | BASIC | 065 |
| HB | ERR.LST | MERGE WITH PROGRAMS | UTIL | 8 | BASIC | 002 |
| HB | ERR.MSG | ERROR CODE DATA FILE | UTIL | NA | FILE | 011 |
| HB | INVEST | GREAT!!! | UTIL | 10+ | BASIC | 127 |
| HB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| HB | PICUTE | USE WITH MICRO PAINTER | UTIL | 10 | BASIC | 081 |
| HB | POLYCOPY | COPIES FILES | UTIL | 10+ | BASIC | 030 |
| HB | SORT.LST | SORT ROUTINE FOR INV. | UTIL | NA | BASIC | 004 |
| HB | SORT2.LST | SORT ROUTINE FOR INV. | UTIL | NA | BASIC | 003 |
| HB | SUBATTCK | SINK SHIPS | GAME | 7 | BASIC | 065 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|--------------|-----------------------|-------|--------|-------|---------|
| IB | GR107DMO | GRAPHICS DEMO | DEMO | 7 | BASIC | 012 |
| IB | GUNFIGHT | SHOOT THE BAD GUY | GAME | 8 | BASIC | 049 |
| IB | KEYPANIC | KEYBOARD DRILL | EDUC | 9 | BASIC | 033 |
| IB | LABELS | YOU NEED A PRINTER | UTIL | 10 | BASIC | 031 |
| IB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| IB | MENUMKR | FOR BINARY LOAD FILES | UTIL | 10 | BASIC | 026 |
| IB | PASSION.OBJ | WILL MAKE YOU SMILE!! | DEMO | 10+ | OBJ | 093 |
| IB | PERSONAL.FIN | EXCELLENT! | UTIL | 10+ | BASIC | 181 |
| IB | RNDMUSIC | MUSIC NOTES | DEMO | 5 | BASIC | 014 |
| IB | TRAKSTAR | HOW FAST CAN YOU RUN? | GAME | 7 | BASIC | 057 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|--------------|-----------------------|-------|--------|-------|---------|
| JB | CHRSTREE | CHRISTMAS CARD | DEMO | 8 | BASIC | 019 |
| JB | HOLYNITE | CHRISTMAS SONG | DEMO | 9 | BASIC | 047 |
| JB | JACKPOT | SLOT MACHINE | GAME | 10 | BASIC | 092 |
| JB | JACKPOT.DAT | DATA FILE FOR JACKPOT | GAME | NA | FILE | 001 |
| JB | JINGLBEL | CHRISTMAS SONG | DEMO | 8 | BASIC | 053 |
| JB | LUMBERJK | FROGGER TYPE | GAME | 7 | BASIC | 081 |
| JB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| JB | RAINSTRM.OBJ | PENNIES FROM HEAVEN | GAME | 10 | OBJ | 052 |
| JB | RETRODIS.OBJ | READ ANALOG #14 | GAME | 8 | OBJ | 042 |
| JB | SNOWFLAK | NO TWO ARE ALIKE | DEMO | 9 | BASIC | 030 |
| JB | XMASDAYS | CHRISTMAS SONG | DEMO | 9 | BASIC | 047 |
| JB | XMASTREE | CHRISTMAS CARD | DEMO | 8 | BASIC | 016 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|----------|-----------------------|-------|--------|-------|---------|
| KB | ALASKA | PICTURE | DEMO | 9 | BASIC | 025 |
| KB | BOWLING | ROLL THE BALL | GAME | 7 | BASIC | 071 |
| KB | CLEWSO | CLUE CHALLENGE | STRAT | 8 | BASIC | 047 |
| KB | CONVERT | COMMON CONVERSIONS | UTIL | 10 | BASIC | 065 |
| KB | COPYALL2 | SECTOR COPIER | UTIL | 10 | BASIC | 031 |
| KB | LISTBAS | LIST PROG. TO PTR | UTIL | 8 | BASIC | 027 |
| KB | MAKER | SCREEN GRAPHICS MAKER | UTIL | 8 | BASIC | 011 |
| KB | MATHMAGI | MATH EQUATIONS | EDUC | 9 | BASIC | 046 |
| KB | MATHWARS | MATH GAME | EDUC | 10 | BASIC | 035 |
| KB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| KB | MLX | ML UTIL COMPUTE 12/83 | UTIL | 10 | BASIC | 056 |
| KB | STOCKS | PLOT 2 MO. TO GRAPH | UTIL | 9 | BASIC | 072 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|--------------|-------------------------|-------|--------|-------|---------|
| LB | AEROBICS | CREATE SCRIN COMP.10/83 | UTIL | 9 | BASIC | 076 |
| LB | CHARLIE | MAKE IT THRU GRAVEYARD | GAME | 9 | BASIC | 037 |
| LB | COPYCAT | DISK COPIER | UTIL | 10 | BASIC | 037 |
| LB | DECISION.MKR | HELPS YOUR JUDGEMENT | UTIL | 9 | BASIC | 036 |
| LB | DETECTVE | SECTOR SEARCH | UTIL | 10 | BASIC | 025 |
| LB | GUNS | SHOOT THE CANONS | GAME | 8 | BASIC | 111 |
| LB | LOANPNTR | PRINT LOAN INFO | UTIL | 9 | BASIC | 018 |
| LB | LOANSCRN | COMPUTE LOAN | UTIL | 9 | BASIC | 017 |
| LB | MAIL | ADDRESS PROGRAM | UTIL | 9 | BASIC | 012 |
| LB | MAZEMOVE | CHALLENGING MAZE | GAME | 8 | BASIC | 042 |
| LB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| LB | MORTGAGE | AMORTIZE MORTGAGE | UTIL | 9 | BASIC | 038 |
| LB | NAMES.GUN | DATA FILE FOR GUNS | GAME | NA | FILE | 001 |
| LB | RESISTOR | IDENTIFY RESISTORS | EDUC | 6 | BASIC | 047 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|----------|---------------------|-------|--------|-------|---------|
| MB | ATRAIN | A.B.C. FUN !!!!! | EDUC | 10+ | BASIC | 068 |
| MB | BATSHIP | USES MODEM | GAME | 8 | BASIC | 081 |
| MB | COLORBOT | ROBOT CHASE | GAME | 8 | BASIC | 043 |
| MB | HOOKEYB | Q-BERT TYPE | GAME | 9 | BASIC | 054 |
| MB | LOANCHRT | LOAN PAYMENTS | UTIL | 7 | BASIC | 011 |
| MB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| MB | MOZART | COMPUTER COMPOSER | MUSIC | 7 | BASIC | 024 |
| MB | NERDII | FOR THE YOUNGER SET | DEMO | 7 | BASIC | 050 |
| MB | OSIRIS | SHOOT DEMONS | GAME | 8 | BASIC | 037 |
| MB | QUIZZER | BASEBALL QUIZ! | GAME | 8 | BASIC | 034 |
| MB | ROADRACE | RACE CARS | GAME | 10 | BASIC | 079 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|----------|-------------------|-------|--------|-------|---------|
| NB | ADDGAME | ADDITION PROBLEMS | EDUC | 8 | BASIC | 020 |
| NB | ADDIT | ADDITION PROBLEMS | EDUC | 8 | BASIC | 008 |
| NB | BUGS | FENCE THE BUGS | GAME | 6 | BASIC | 056 |
| NB | DSKLABEL | NEED PRINTER | UTIL | 9 | BASIC | 011 |
| NB | GOTCHA | GATHER MONEY | GAME | 8 | BASIC | 040 |
| NB | KNTBATT | DEFEND CASTLE | GAME | 8 | BASIC | 058 |
| NB | LANDCONT | HOUSE PAYMENTS | UTIL | 7 | BASIC | 019 |
| NB | MAIL1 | INTRO. FOR MAIL | UTIL | NA | BASIC | 008 |
| NB | MAIL2 | INTRO FOR MAIL3 | UTIL | NA | BASIC | 010 |
| NB | MAIL3 | LIST AND SORT | UTIL | 10+ | BASIC | 088 |
| NB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| NB | QUATRA | MATCH PATTERN | GAME | 9 | BASIC | 058 |
| NB | SNOWBIRD | CRASH HELICOPTER | GAME | 8 | BASIC | 042 |
| NB | SPELLING | TEST SPELLING | EDUC | 8 | BASIC | 014 |
| NB | TTT3D | 3D TIC TAC TOE | GAME | 9 | BASIC | 055 |

*** MACE PROGRAM LIBRARY ***

| DISK | PROGRAM | DESCRIPTION | GROUP | RATING | TYPE | SECTORS |
|------|--------------|------------------------|-------|--------|-------|---------|
| OB | AIRRAID | RESCUE OPERATION | GAME | 8 | BASIC | 074 |
| OB | AMODEM85 | YOU NEED A MODEM | UTIL | 10+ | BASIC | 127 |
| OB | AUTODIAL | CREATE PHONE LIST | UTIL | 10+ | BASIC | 054 |
| OB | AUTODIAL.NUM | PHONE #'S FOR AMODEM85 | UTIL | NA | FILE | 002 |
| OB | BOUNCE | BE CREATIVE | GAME | 8 | BASIC | 016 |
| OB | CALENDAR.PTR | PERPETUAL CALENDAR | UTIL | 9 | BASIC | 024 |
| OB | MENU | DISK DIR LOAD/GO | UTIL | 9 | BASIC | 015 |
| OB | MERCMINE | GATHER DIAMONDS | GAME | 6 | BASIC | 066 |
| OB | MUSICIAN | NOTE SCALE | MUSIC | 8 | BASIC | 014 |
| OB | SPTHIEF | TWO PLAYERS | GAME | 7 | BASIC | 056 |
| OB | WEDGEDOC | DOC. FOR WEDGEOBJ | UTIL | NA | FILE | 010 |
| OB | WEDGEOBJ | RESIDENT DOS(AUTO.SYS) | UTIL | 10 | OBJ | 011 |
| OB | WORMSQRM | GROW WORM | GAME | 9 | BASIC | 043 |

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